



# **Making Sun-Earth Connections: Our Star – Our Sun**



**Presenter's Guide  
Grades: K-2**

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## Introduction

Slide 2



The sun is a star in the sky.

Slide 3



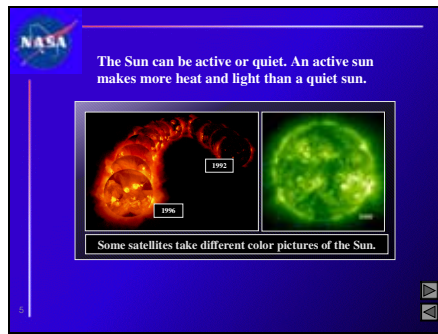
Scientists use instruments to learn about the sun.

Slide 4



**Our sun is hot. It makes its own heat and light.**

Slide 5



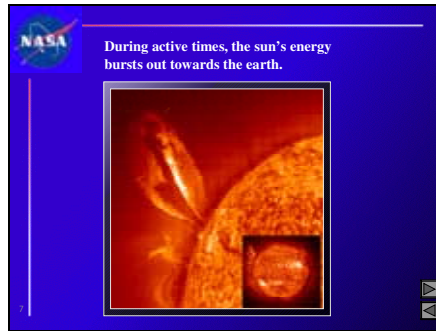
**The sun can be active or quiet. An active sun makes more heat and light than a quiet sun.**

Slide 6



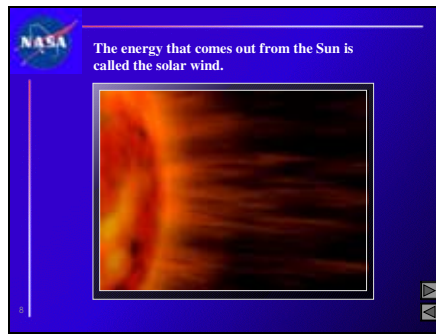
**During active times, the sun makes many bubbles of heat and light.**

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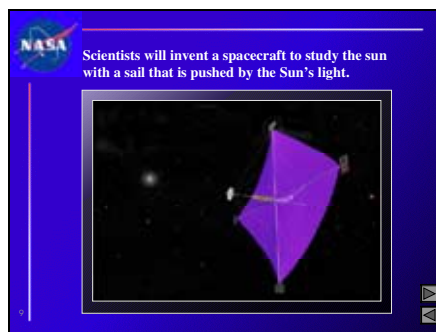
**During active times the sun's energy bursts out towards the earth.**

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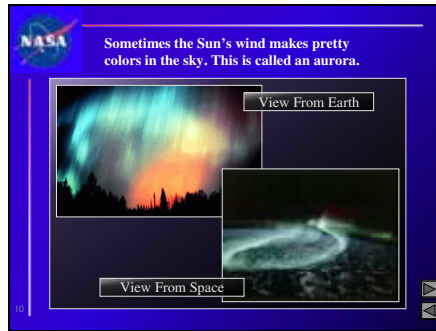
**The energy that comes out from the Sun is called the solar wind.**

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**Scientists want to use a space ship to study the sun with a sail that is pushed by the Sun's light.**

Slide 10



**Sometimes the sun's wind makes pretty colors in the sky. This is called an aurora.**

Slide 11



**Astronauts need to wear space suits to keep them safe from the sun's heat and light.**

Slide 12



**We need to learn about our star, the sun. When the sun changes its heat and light can change the earth.**